

Amendments to the Claims:

A clean version of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121(c)(3). This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) A display device having pixel elements comprising a photoluminescent material for emitting light when excited by excitation means, each one of said pixel elements being provided with modulating means for modulating an emission of light by the photoluminescent material.

2. (Currently Amended) ~~A display device~~ A display device having pixel elements comprising a luminescent material for emitting light when excited by means for generating electromagnetic radiation, each one of said pixel elements being provided with modulating means for modulating an emission of light by the luminescent material.

3. (Previously Presented) A display device as claimed in claim 2, wherein the means for generating electromagnetic radiation are comprised in the display device.

4. (Previously Presented) A display device as claimed in claim 1, wherein the excitation means comprise means for generating an electric field.

5. (Previously Presented) A display device as claimed in claim 1, wherein the modulating means comprise means for applying an electric field to said photoluminescent material.

6. (Previously Presented) A display device as claimed in claim 5, wherein the pixel elements further comprise electrodes which are provided to the photoluminescent material, the electric field being generated by applying a voltage to the electrodes.

7. (Previously Presented) A display device as claimed in claim 6, wherein at least one of the electrodes comprises a transparent material.

8. (Previously Presented) A display device as claimed in claim 1, wherein a thickness of a layer of the photoluminescent material ranges between 10 and 100 nm.

9. (Previously Presented) A display device as claimed in claim 5, wherein an electric field strength of the electric field varies between zero and 400 MV/m.

10. (Previously Presented) A display apparatus, comprising: a display device as claimed in claim 1; means for controlling said excitation means; and means for controlling said modulating means in response to a display signal (S) applied to the display apparatus.

11. (Previously Presented) The display apparatus of claim 1, wherein the photoluminescent material comprises phosphor.

12. (Previously Presented) The display apparatus of claim 1, wherein the means for modulating an emission of light by the photoluminescent material comprises:

a pair of electrodes disposed on opposite sides of the photoluminescent material; and
means for impressing an electric field across the pair of electrodes.

13. (Previously Presented) The display apparatus of claim 12, wherein the excitation means comprises a light emitting diode.

14. (Previously Presented) The display apparatus of claim 2, wherein the means for modulating an emission of light by the luminescent material comprises:

a pair of electrodes disposed on opposite sides of the luminescent material; and
means for impressing an electric field across the pair of electrodes.

15. (Previously Presented) The display apparatus of claim 14, wherein the means for generating electromagnetic radiation comprises a light emitting diode.

16. (Previously Presented) The display apparatus of claim 2, wherein the means for generating electromagnetic radiation comprises a light emitting diode.

17. (Previously Presented) The display apparatus of claim 2, wherein the luminescent material comprises a Poly Phenylene Vinylene (PPV) derivative.